

# **Monthly Progress Report #19**

## **January 2006**

**Falcon Refinery Superfund Site**  
**Ingleside**  
**San Patricio County, Texas**  
**TXD 086 278 058**

**Prepared for**

**National Oil and Recovery Corporation**  
**3717 Bowne Street**  
**Flushing, NY 11354**

**February 10, 2006**

**Prepared by**

**KLEINFELDER**  
**3601 Manor Road**  
**Austin, Texas 78723**

## **TABLE OF CONTENTS**

<b>1.0</b>	<b>INTRODUCTION.....</b>	<b>2</b>
<b>2.0</b>	<b>COMPLETED ACTIVITIES .....</b>	<b>2</b>
<b>2.1</b>	<b>Removal Action Activities .....</b>	<b>2</b>
<b>2.2</b>	<b>Remedial Investigation / Feasibility Study (RI/FS) .....</b>	<b>2</b>
<b>3.0</b>	<b>CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD .....</b>	<b>2</b>
<b>4.0</b>	<b>COMMUNITY RELATIONS.....</b>	<b>3</b>
<b>5.0</b>	<b>CHANGES IN PERSONNEL DURING THE REPORTING PERIOD .....</b>	<b>3</b>
<b>6.0</b>	<b>LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS.....</b>	<b>3</b>
<b>6.1</b>	<b>Removal Action Work Projected for the Next Two Months.....</b>	<b>3</b>
<b>6.2</b>	<b>RI/FS Work Projected for the Next Two Months.....</b>	<b>3</b>
<b>7.0</b>	<b>LABORATORY / MONITORING DATA.....</b>	<b>3</b>

## **LIST OF FIGURES**

None this reporting period

## **LIST OF TABLES**

<b>Table 1</b>	<b>Hazardous Liquid Waste Disposal.....</b>	<b>4</b>
<b>Table 2</b>	<b>Metal Disposal.....</b>	<b>4</b>
<b>Table 3</b>	<b>Contaminated Soil and Oily Debris Disposal.....</b>	<b>5</b>
<b>Table 4</b>	<b>Oil and Filter Disposal.....</b>	<b>5</b>

## **LIST OF APPENDICES**

None this reporting period

## **1.0 INTRODUCTION**

This nineteenth Monthly Progress Report is submitted in accordance with the Falcon Refinery Site Administrative Orders on Consent for Removal Action and Remedial Investigation / Feasibility Study between the U.S. Environmental Protection Agency (U.S. EPA) and National Oil and Recovery Corporation (NORCO).

This Monthly Progress Report and subsequent reports will address activities associated with both of the orders.

The next monthly progress report, covering February 2006 will be submitted on or before March 10, 2006.

## **2.0 COMPLETED ACTIVITIES**

### **2.1 Removal Action Activities**

Since activities are now being performed on a regular basis, a safety meeting is held addressing general hazards and specific concerns of each day's anticipated actions.

Approximately 58,740 gallons of liquid waste were removed and properly disposed during the month from Tank 26. To date a total of approximately 4,586,275 gallons of hazardous waste have been disposed of at the Texas Molecular deep well injection well. Original waste manifests are available at the Kleinfelder office in Austin. A compilation of hazardous liquid waste disposal is included as Table 1.

Subcontractors were contacted to update project planning and budgeting.

### **2.2 Remedial Investigation / Feasibility Study (RI/FS)**

The amended RI/FS Work Plan, Quality Assurance Project Plan, and Field Sampling Plan were provided to the EPA and the state and federal trustees on May 5, 2005.

## **3.0 CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD**

None this reporting period.

#### **4.0 COMMUNITY RELATIONS**

The recipient of the Technical Assistance Grant (TAG), the Coastal Bend Bays Foundation (CBBF), held a public meeting on January 9<sup>th</sup> at Texas A&M University Corpus Christi to discuss the Brine Services Site. The director (or opening speaker) of the CBBF did provide a short update on the TAG's involvement at the Falcon Refinery Site.

Representatives of Kleinfelder attended the meeting.

#### **5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD**

No changes this reporting period.

#### **6.0 LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS**

##### **6.1 Removal Action Work projected for the next two months includes:**

- Continuing the removal and disposal of liquids from the storage tanks and pipelines at the anticipated rate of approximately 60,000 gallons a month;
- Contracting a company to pig and evacuate the pipelines that leave the facility;
- Removal of debris; and
- Continued site maintenance.

##### **6.2 RI/FS Work projected for the next two months includes:**

- Conferring with the EPA and Trustees about the work plan;
- Making amendments to the RI/FS Work Plan and submitting the final RI/FS Work Plan; and
- Making amendments to and submitting the Field Sampling Plan and the Quality Assurance Project Plan.

#### **7.0 LABORATORY / MONITORING DATA**

None this reporting period.

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**TABLES****Table 1  
Hazardous Liquid Waste Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

**RQ, HAZARDOUS WASTE LIQUID N.O.S., 9 , UN3082, III (D007, D008, D018)**

Month	Volume (gal)
October-04	53,832
November-04	734,763
December-04	879,158
January-05	783,881
February-05	551,444
March-05	565,489
April-05	445,107
May-05	471,311
December-05	42,550
January-06	58,740
<b>Total</b>	<b>4,586,275</b>

**Table 2  
Metal Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Commercial Metal Company	4614 Agnes St Corpus Christi, TX	361-884-4071	None	David

**RECYCLED METAL**

Month	Volume (lbs)
October-04	0
November-04	16,820
December-04	19,640
January-05	31,380
February-05	0
<b>Total</b>	<b>67,840</b>

**FIRE EXTINGUISHERS**

Month	Quantity
December-04	10
<b>Total</b>	<b>10</b>

Industrial Fire & Safety Co. removed 10 fire extinguishers from the job site.  
The powder was disposed of properly and the metal went to salvage.

**Table 3**  
**Contaminated Soil and Oily Debris Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
U.S. Ecology Texas L.P.	P.O. Box 307 Robstown, TX	361-387-3518	TXD069452340	Glenda Felkner

**PETROLEUM CONTAMINATED SOIL AND OILY DEBRIS**

Month	Volume (cy)
October-04	0
November-04	0
December-04	40
January-05	0
February-05	0
<b>Total</b>	<b>40</b>

**RQ, HAZARDOUS WASTE SOLID, N.O.S., LEAD, 9 NA3077, PGIII (OILY SLUDGE AND SOIL)**

Month	Volume (cy)
February-05	15
<b>Total</b>	<b>15</b>

**Table 4**  
**Oil and Filter Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

**RECYLCED OIL AND FILTERS**

Month	Volume (gal)
January-05	403
February-05	0
<b>Total</b>	<b>403</b>

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Midstate Environmental Services, LLC	2203 Tower Road Robstown, TX	361-387-2171	TXR000051227	Lloyd Cooke

**RECYLCED OIL AND FILTERS**

Month	Volume (gal)
January-05	16,651
February-05	0
<b>Total</b>	<b>16,651</b>

**Monthly Progress Report #20  
February 2006**

**Falcon Refinery Superfund Site  
Ingleside  
San Patricio County, Texas  
TXD 086 278 058**

**Prepared for**

**National Oil and Recovery Corporation  
3717 Bowne Street  
Flushing, NY 11354**

**March 10, 2006**

**Prepared by**

**KLEINFELDER  
3601 Manor Road  
Austin, Texas 78723**

## TABLE OF CONTENTS

1.0	INTRODUCTION.....	2
2.0	COMPLETED ACTIVITIES .....	2
2.1	Removal Action Activities .....	2
2.2	Remedial Investigation / Feasibility Study (RI/FS) .....	2
3.0	CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD .....	2
4.0	COMMUNITY RELATIONS.....	3
5.0	CHANGES IN PERSONNEL DURING THE REPORTING PERIOD .....	3
6.0	LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS.....	3
6.1	Removal Action Work Projected for the Next Two Months.....	3
6.2	RI/FS Work Projected for the Next Two Months.....	3
7.0	LABORATORY / MONITORING DATA.....	3

## LIST OF FIGURES

None this reporting period

## LIST OF TABLES

Table 1	Hazardous Liquid Waste Disposal.....	4
Table 2	Metal Disposal.....	4
Table 3	Contaminated Soil and Oily Debris Disposal.....	5
Table 4	Oil and Filter Disposal.....	5

## LIST OF APPENDICES

None this reporting period



## **1.0 INTRODUCTION**

This twentieth Monthly Progress Report is submitted in accordance with the Falcon Refinery Site Administrative Orders on Consent for Removal Action and Remedial Investigation / Feasibility Study between the U.S. Environmental Protection Agency (U.S. EPA) and National Oil and Recovery Corporation (NORCO).

This Monthly Progress Report and subsequent reports will address activities associated with both of the orders.

The next monthly progress report, covering March 2006 will be submitted on or before April 10, 2006.

## **2.0 COMPLETED ACTIVITIES**

### **2.1 Removal Action Activities**

Since activities are now being performed on a regular basis, a safety meeting is held addressing general hazards and specific concerns of each day's anticipated actions.

Approximately 59,140 gallons of liquid waste were removed and properly disposed during the month from Tank 26. To date a total of approximately 4,645,415 gallons of hazardous waste have been disposed of at the Texas Molecular deep well injection well. Original waste manifests are available at the Kleinfelder office in Austin. A compilation of hazardous liquid waste disposal is included as Table 1.

Subcontractors were contacted to update project planning and budgeting.

### **2.2 Remedial Investigation / Feasibility Study (RI/FS)**

The amended RI/FS Work Plan, Quality Assurance Project Plan, and Field Sampling Plan were provided to the EPA and the state and federal trustees on May 5, 2005.

## **3.0 CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD**

None this reporting period.

#### **4.0 COMMUNITY RELATIONS**

None this reporting period.

#### **5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD**

No changes this reporting period.

#### **6.0 LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS**

##### **6.1 Removal Action Work projected for the next two months includes:**

- Continuing the removal and disposal of liquids from the storage tanks and pipelines at the anticipated rate of approximately 60,000 gallons a month;
- Contracting a company to pig and evacuate the pipelines that leave the facility;
- Removal of debris; and
- Continued site maintenance.

##### **6.2 RI/FS Work projected for the next two months includes:**

- Conferring with the EPA and Trustees about the work plan;
- Making amendments to the RI/FS Work Plan and submitting the final RI/FS Work Plan; and
- Making amendments to and submitting the Field Sampling Plan and the Quality Assurance Project Plan.

#### **7.0 LABORATORY / MONITORING DATA**

None this reporting period.

**TABLES**

**Table 1  
Hazardous Liquid Waste Disposal**

<b>DISPOSAL FACILITY</b>	<b>ADDRESS</b>	<b>PHONE NO.</b>	<b>EPA ID NO.</b>	<b>CONTACT</b>
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr. Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

**RQ, HAZARDOUS WASTE LIQUID N.O.S., 9 , UN3082, III (D007, D008, D018)**

<b>Month</b>	<b>Volume (gal)</b>
October-04	53,832
November-04	734,763
December-04	879,158
January-05	783,881
February-05	551,444
March-05	565,489
April-05	445,107
May-05	471,311
December-05	42,550
January-06	58,740
February-06	59,140
<b>Total</b>	<b>4,645,415</b>

**Table 2  
Metal Disposal**

<b>DISPOSAL FACILITY</b>	<b>ADDRESS</b>	<b>PHONE NO.</b>	<b>EPA ID NO.</b>	<b>CONTACT</b>
Commercial Metal Company	4614 Agnes St Corpus Christi, TX	361-884-4071	None	David

**RECYCLED METAL**

<b>Month</b>	<b>Volume (lbs)</b>
October-04	0
November-04	16,820
December-04	19,640
January-05	31,380
February-05	0
<b>Total</b>	<b>67,840</b>

**FIRE EXTINGUISHERS**

<b>Month</b>	<b>Quantity</b>
December-04	10
<b>Total</b>	<b>10</b>

Industrial Fire & Safety Co. removed 10 fire extinguishers from the job site.

The powder was disposed of properly and the metal went to salvage.

**Table 3**  
**Contaminated Soil and Oily Debris Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
U.S. Ecology Texas L.P.	P.O. Box 307 Robstown, TX	361-387-3518	TXD069452340	Glenda Felkner

**PETROLEUM CONTAMINATED SOIL AND OILY DEBRIS**

Month	Volume (cy)
October-04	0
November-04	0
December-04	40
January-05	0
February-05	0
<b>Total</b>	<b>40</b>

**RQ, HAZARDOUS WASTE SOLID, N.O.S., LEAD, 9 NA3077, PGIII (OILY SLUDGE AND SOIL)**

Month	Volume (cy)
February-05	15
<b>Total</b>	<b>15</b>

**Table 4**  
**Oil and Filter Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

**RECYLCED OIL AND FILTERS**

Month	Volume (gal)
January-05	403
February-05	0
<b>Total</b>	<b>403</b>

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Midstate Environmental Services, LLC	2203 Tower Road Robstown, TX	361-387-2171	TXR000051227	Lloyd Cooke

**RECYLCED OIL AND FILTERS**

Month	Volume (gal)
January-05	16,651
February-05	0
<b>Total</b>	<b>16,651</b>



**Monthly Progress Report #21**  
**March 2006**

**Falcon Refinery Superfund Site**  
**Ingleside**  
**San Patricio County, Texas**  
**TXD 086 278 058**

**Prepared for**

**National Oil and Recovery Corporation**  
**3717 Bowne Street**  
**Flushing, NY 11354**

**April 10, 2006**

**Prepared by**

**KLEINFELDER**  
**3601 Manor Road**  
**Austin, Texas 78723**

## **TABLE OF CONTENTS**

<b>1.0</b>	<b>INTRODUCTION.....</b>	<b>2</b>
<b>2.0</b>	<b>COMPLETED ACTIVITIES .....</b>	<b>2</b>
<b>2.1</b>	<b>Removal Action Activities .....</b>	<b>2</b>
<b>2.2</b>	<b>Remedial Investigation / Feasibility Study (RI/FS) .....</b>	<b>2</b>
<b>3.0</b>	<b>CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD .....</b>	<b>2</b>
<b>4.0</b>	<b>COMMUNITY RELATIONS.....</b>	<b>3</b>
<b>5.0</b>	<b>CHANGES IN PERSONNEL DURING THE REPORTING PERIOD .....</b>	<b>3</b>
<b>6.0</b>	<b>LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS.....</b>	<b>3</b>
<b>6.1</b>	<b>Removal Action Work Projected for the Next Two Months.....</b>	<b>3</b>
<b>6.2</b>	<b>RI/FS Work Projected for the Next Two Months.....</b>	<b>3</b>
<b>7.0</b>	<b>LABORATORY / MONITORING DATA.....</b>	<b>3</b>

## **LIST OF FIGURES**

None this reporting period

## **LIST OF TABLES**

<b>Table 1</b>	<b>Hazardous Liquid Waste Disposal.....</b>	<b>4</b>
<b>Table 2</b>	<b>Metal Disposal.....</b>	<b>4</b>
<b>Table 3</b>	<b>Contaminated Soil and Oily Debris Disposal.....</b>	<b>5</b>
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## **LIST OF APPENDICES**

None this reporting period

## **1.0 INTRODUCTION**

This twenty-first Monthly Progress Report is submitted in accordance with the Falcon Refinery Site Administrative Orders on Consent for Removal Action and Remedial Investigation / Feasibility Study between the U.S. Environmental Protection Agency (U.S. EPA) and National Oil and Recovery Corporation (NORCO).

This Monthly Progress Report and subsequent reports will address activities associated with both of the orders.

The next monthly progress report, covering April 2006 will be submitted on or before May 10, 2006.

## **2.0 COMPLETED ACTIVITIES**

### **2.1 Removal Action Activities**

Due to an accident at the Texas Molecular Deep Well Injection facility the TCEQ would not allow the receipt any waste shipments at the injection well. Shipments from the refinery will commence as soon as Texas Molecular has obtained regulatory clearance.

### **2.2 Remedial Investigation / Feasibility Study (RI/FS)**

Comments were received concerning the amended RI/FS Work Plan, Quality Assurance Project Plan, and Field Sampling Plan from the EPA and the state and federal trustees during March 2006.

A project-scoping meeting has been scheduled in April 2006. The final RI/FS Work Plan, Quality Assurance Project Plan, and Field Sampling Plan will be submitted to the EPA during May or June 2006.

## **3.0 CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD**

None this reporting period.



#### **4.0 COMMUNITY RELATIONS**

None this reporting period.

#### **5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD**

No changes this reporting period.

#### **6.0 LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS**

##### **6.1 Removal Action Work projected for the next two months includes:**

- Continuing the removal and disposal of liquids from the storage tanks and pipelines at the anticipated rate of approximately 60,000 gallons a month;
- Contracting a company to pig and evacuate the pipelines that leave the facility;
- Removal of debris; and
- Continued site maintenance.

##### **6.2 RI/FS Work projected for the next two months includes:**

- Conferring with the EPA and Trustees about the work plan;
- Making amendments to the RI/FS Work Plan and submitting the final RI/FS Work Plan; and
- Making amendments to and submitting the Field Sampling Plan and the Quality Assurance Project Plan.

#### **7.0 LABORATORY / MONITORING DATA**

None this reporting period.

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Month	Quantity
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**Table 3**  
**Contaminated Soil and Oily Debris Disposal**

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U.S. Ecology Texas L.P.	P.O. Box 307 Robstown, TX	361-387-3518	TXD069452340	Glenda Felkner

**PETROLEUM CONTAMINATED SOIL AND OILY DEBRIS**

Month	Volume (cy)
October-04	0
November-04	0
December-04	40
January-05	0
February-05	0
<b>Total</b>	<b>40</b>

**RQ, HAZARDOUS WASTE SOLID, N.O.S., LEAD, 9 NA3077, PGIII (OILY SLUDGE AND SOIL)**

Month	Volume (cy)
February-05	15
<b>Total</b>	<b>15</b>

**Table 4**  
**Oil and Filter Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

**RECYLCED OIL AND FILTERS**

Month	Volume (gal)
January-05	403
February-05	0
<b>Total</b>	<b>403</b>

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Midstate Environmental Services, LLC	2203 Tower Road Robstown, TX	361-387-2171	TXR000051227	Lloyd Cooke

**RECYLCED OIL AND FILTERS**

Month	Volume (gal)
January-05	16,651
February-05	0
<b>Total</b>	<b>16,651</b>



**Monthly Progress Report #22**  
**April 2006**

**Falcon Refinery Superfund Site**  
**Ingleside**  
**San Patricio County, Texas**  
**TXD 086 278 058**

**Prepared for**

**National Oil and Recovery Corporation**  
**3717 Bowne Street**  
**Flushing, NY 11354**

**May 10, 2006**

**Prepared by**

**KLEINFELDER**  
**3601 Manor Road**  
**Austin, Texas 78723**

## **TABLE OF CONTENTS**

<b>1.0</b>	<b>INTRODUCTION.....</b>	<b>2</b>
<b>2.0</b>	<b>COMPLETED ACTIVITIES .....</b>	<b>2</b>
<b>2.1</b>	<b>Removal Action Activities .....</b>	<b>2</b>
<b>2.2</b>	<b>Remedial Investigation / Feasibility Study (RI/FS) .....</b>	<b>2</b>
<b>3.0</b>	<b>CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD .....</b>	<b>2</b>
<b>4.0</b>	<b>COMMUNITY RELATIONS.....</b>	<b>3</b>
<b>5.0</b>	<b>CHANGES IN PERSONNEL DURING THE REPORTING PERIOD .....</b>	<b>3</b>
<b>6.0</b>	<b>LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS.....</b>	<b>3</b>
<b>6.1</b>	<b>Removal Action Work Projected for the Next Two Months.....</b>	<b>3</b>
<b>6.2</b>	<b>RI/FS Work Projected for the Next Two Months.....</b>	<b>3</b>
<b>7.0</b>	<b>LABORATORY / MONITORING DATA.....</b>	<b>3</b>

## **LIST OF FIGURES**

None this reporting period

## **LIST OF TABLES**

<b>Table 1</b>	<b>Hazardous Liquid Waste Disposal.....</b>	<b>4</b>
<b>Table 2</b>	<b>Metal Disposal.....</b>	<b>4</b>
<b>Table 3</b>	<b>Contaminated Soil and Oily Debris Disposal.....</b>	<b>5</b>
<b>Table 4</b>	<b>Oil and Filter Disposal.....</b>	<b>5</b>

## **LIST OF APPENDICES**

None this reporting period

## **1.0 INTRODUCTION**

This twenty-second Monthly Progress Report is submitted in accordance with the Falcon Refinery Site Administrative Orders on Consent for Removal Action and Remedial Investigation / Feasibility Study between the U.S. Environmental Protection Agency (U.S. EPA) and National Oil and Recovery Corporation (NORCO).

This Monthly Progress Report and subsequent reports will address activities associated with both of the orders.

The next monthly progress report, covering May 2006 will be submitted on or before June 10, 2006.

## **2.0 COMPLETED ACTIVITIES**

### **2.1 Removal Action Activities**

Disposal of hazardous waste was resumed at the Texas Molecular Deep Well Injection facility during the month of April. Approximately 55,000 gallons of waste was removed and disposed during April and disposal will continue at that approximate monthly rate. To date over 4.7 million gallons of hazardous waste has been properly disposed of from the Falcon Refinery.

### **2.2 Remedial Investigation / Feasibility Study (RI/FS)**

A project-scoping meeting was held on April 13, 2006 at the Austin, Texas office of Kleinfelder. Attending the meeting were representatives of NORCO, the EPA, state and federal trustees and Kleinfelder personnel. The final RI/FS Work Plan, Quality Assurance Project Plan, and Field Sampling Plan and an updated project schedule will be submitted to the EPA in June 2006.

## **3.0 CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD**

None this reporting period.

#### **4.0 COMMUNITY RELATIONS**

None this reporting period.

#### **5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD**

No changes this reporting period.

#### **6.0 LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS**

##### **6.1 Removal Action Work projected for the next two months includes:**

- Continuing the removal and disposal of liquids from the storage tanks and pipelines at the anticipated rate of approximately 55,000 gallons a month;
- Contracting a company to pig and evacuate the pipelines that leave the facility;
- Removal of debris; and
- Continued site maintenance.

##### **6.2 RI/FS Work projected for the next two months includes:**

- Conferring with the EPA and Trustees about the work plan;
- Making amendments to the RI/FS Work Plan and submitting the final RI/FS Work Plan; and
- Making amendments to and submitting the Field Sampling Plan and the Quality Assurance Project Plan.

#### **7.0 LABORATORY / MONITORING DATA**

None this reporting period.



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**TABLES**

**Table 1**  
**Hazardous Liquid Waste Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr. Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

**RQ, HAZARDOUS WASTE LIQUID N.O.S., 9 , UN3082, III (D007, D008, D018)**

Month	Volume (gal)
October-04	53,832
November-04	734,763
December-04	879,158
January-05	783,881
February-05	551,444
March-05	565,489
April-05	445,107
May-05	471,311
December-05	42,550
January-06	58,740
February-06	59,140
March-06	0
April-06	55,000
<b>Total</b>	<b>4,700,415</b>

**Table 2**  
**Metal Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Commercial Metal Company	4614 Agnes St Corpus Christi, TX	361-884-4071	None	David

**RECYCLED METAL**

Month	Volume (lbs)
October-04	0
November-04	16,820
December-04	19,640
January-05	31,380
February-05	0
<b>Total</b>	<b>67,840</b>

**FIRE EXTINGUISHERS**

Month	Quantity
December-04	10
<b>Total</b>	<b>10</b>

Industrial Fire & Safety Co. removed 10 fire extinguishers from the job site.  
The powder was disposed of properly and the metal went to salvage.

**Table 3**  
**Contaminated Soil and Oily Debris Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
U.S. Ecology Texas L.P.	P.O. Box 307 Robstown, TX	361-387-3518	TXD069452340	Glenda Felkner

**PETROLEUM CONTAMINATED SOIL AND OILY DEBRIS**

Month	Volume (cy)
October-04	0
November-04	0
December-04	40
January-05	0
February-05	0
<b>Total</b>	<b>40</b>

**RQ, HAZARDOUS WASTE SOLID, N.O.S., LEAD, 9 NA3077, PGIII (OILY SLUDGE AND SOIL)**

Month	Volume (cy)
February-05	15
<b>Total</b>	<b>15</b>

**Table 4**  
**Oil and Filter Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

**RECYLCED OIL AND FILTERS**

**Monthly Progress Report #22 – April 2006**

Falcon Refinery

Date: May 10, 2006

Section: Monthly Progress Report #22

Page: 6

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Month	Volume (gal)
January-05	403
February-05	0
<b>Total</b>	<b>403</b>

<b>DISPOSAL FACILITY</b>	<b>ADDRESS</b>	<b>PHONE NO.</b>	<b>EPA ID NO.</b>	<b>CONTACT</b>
Midstate Environmental Services, LLC	2203 Tower Road Robstown, TX	361-387-2171	TXR000051227	Lloyd Cooke

---

**RECYLCED OIL AND FILTERS**

Month	Volume (gal)
January-05	16,651
February-05	0
<b>Total</b>	<b>16,651</b>

**Monthly Progress Report #23**  
**May 2006**

**Falcon Refinery Superfund Site**  
**Ingleside**  
**San Patricio County, Texas**  
**TXD 086 278 058**

**Prepared for**

**National Oil and Recovery Corporation**  
**3717 Bowne Street**  
**Flushing, NY 11354**

**June 10, 2006**

**Prepared by**

**KLEINFELDER**  
**3601 Manor Road**  
**Austin, Texas 78723**

## **TABLE OF CONTENTS**

<b>1.0</b>	<b>INTRODUCTION.....</b>	<b>2</b>
<b>2.0</b>	<b>COMPLETED ACTIVITIES .....</b>	<b>2</b>
<b>2.1</b>	<b>Removal Action Activities .....</b>	<b>2</b>
<b>2.2</b>	<b>Remedial Investigation / Feasibility Study (RI/FS) .....</b>	<b>2</b>
<b>3.0</b>	<b>CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD .....</b>	<b>2</b>
<b>4.0</b>	<b>COMMUNITY RELATIONS.....</b>	<b>3</b>
<b>5.0</b>	<b>CHANGES IN PERSONNEL DURING THE REPORTING PERIOD .....</b>	<b>3</b>
<b>6.0</b>	<b>LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS.....</b>	<b>3</b>
<b>6.1</b>	<b>Removal Action Work Projected for the Next Two Months.....</b>	<b>3</b>
<b>6.2</b>	<b>RI/FS Work Projected for the Next Two Months.....</b>	<b>3</b>
<b>7.0</b>	<b>LABORATORY / MONITORING DATA.....</b>	<b>3</b>

## **LIST OF FIGURES**

None this reporting period

## **LIST OF TABLES**

<b>Table 1</b>	<b>Hazardous Liquid Waste Disposal.....</b>	<b>4</b>
<b>Table 2</b>	<b>Metal Disposal.....</b>	<b>4</b>
<b>Table 3</b>	<b>Contaminated Soil and Oily Debris Disposal.....</b>	<b>5</b>
<b>Table 4</b>	<b>Oil and Filter Disposal.....</b>	<b>6</b>

## **LIST OF APPENDICES**

None this reporting period

## **1.0 INTRODUCTION**

This twenty-third Monthly Progress Report is submitted in accordance with the Falcon Refinery Site Administrative Orders on Consent for Removal Action and Remedial Investigation / Feasibility Study between the U.S. Environmental Protection Agency (U.S. EPA) and National Oil and Recovery Corporation (NORCO).

This Monthly Progress Report and subsequent reports will address activities associated with both of the orders.

The next monthly progress report, covering June 2006 will be submitted on or before July 10, 2006.

## **2.0 COMPLETED ACTIVITIES**

### **2.1 Removal Action Activities**

Approximately 59,000 gallons of liquid waste were removed and properly disposed during the month from Tank 26. To date a total of approximately 4,762,599 gallons of hazardous waste have been removed from the tanks and disposed of at the Texas Molecular deep well injection well. Original waste manifests are available at the Kleinfelder office in Austin. A compilation of hazardous liquid waste disposal is included as Table 1.

A Removal Action Work Plan (RAW) addendum for Pipeline Cleanout was submitted and approved by the EPA during May. The work plan activities will be implemented during June 2006.

An updated RAW schedule was submitted to the EPA.

The EPA OSC is requiring that all waste be removed from the above ground storage tanks by July 2007.

### **2.2 Remedial Investigation / Feasibility Study (RI/FS)**

The EPA and trustees reviewed figures showing sampling locations and have tentatively agreed to the locations of the samples. The final RI/FS Work Plan, Quality Assurance Project Plan, and Field Sampling Plan and an updated project schedule will be submitted to the EPA in July 2006.

## **3.0 CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD**

None this reporting period.

#### **4.0 COMMUNITY RELATIONS**

None this reporting period.

#### **5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD**

Paul Supak has been appointed as the Kleinfelder on-site manager.

#### **6.0 LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS**

##### **6.1 Removal Action Work projected for the next two months includes:**

- Continuing the removal and disposal of liquids from the storage tanks and pipelines at the anticipated rate of approximately 100,000 gallons a month;
- Contracting a company to pig and evacuate the pipelines that leave the facility;
- Removal of debris; and
- Continued site maintenance.

##### **6.2 RI/FS Work projected for the next two months includes:**

- Conferring with the EPA and Trustees about the work plan;
- Making amendments to the RI/FS Work Plan and submitting the final RI/FS Work Plan; and
- Making amendments to and submitting the Field Sampling Plan and the Quality Assurance Project Plan.

#### **7.0 LABORATORY / MONITORING DATA**

None this reporting period.

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**TABLES**

**Table 1**  
**Hazardous Liquid Waste Disposal**

<b>DISPOSAL FACILITY</b>	<b>ADDRESS</b>	<b>PHONE NO.</b>	<b>EPA ID NO.</b>	<b>CONTACT</b>
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr. Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

**RQ, HAZARDOUS WASTE LIQUID N.O.S., 9 , UN3082, III (D007, D008, D018)**

<b>Month</b>	<b>Volume (gal)</b>
October-04	53,832
November-04	734,763
December-04	879,158
January-05	783,881
February-05	551,444
March-05	565,489
April-05	445,107
May-05	471,311
December-05	42,550
January-06	58,740
February-06	59,140
March-06	0
April-06	57,421
May-06	59,763
<b>Total</b>	<b>4,762,599</b>

**Table 2**  
**Metal Disposal**

<b>DISPOSAL FACILITY</b>	<b>ADDRESS</b>	<b>PHONE NO.</b>	<b>EPA ID NO.</b>	<b>CONTACT</b>
Commercial Metal Company	4614 Agnes St Corpus Christi, TX	361-884-4071	None	David

**RECYCLED METAL**

<b>Month</b>	<b>Volume (lbs)</b>
October-04	0
November-04	16,820
December-04	19,640
January-05	31,380
February-05	0
<b>Total</b>	<b>67,840</b>



**FIRE EXTINGUISHERS**

Month	Quantity
December-04	10
<b>Total</b>	<b>10</b>

Industrial Fire & Safety Co. removed 10 fire extinguishers from the job site.  
The powder was disposed of properly and the metal went to salvage.

**Table 3**  
**Contaminated Soil and Oily Debris Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
U.S. Ecology Texas L.P.	P.O. Box 307 Robstown, TX	361-387-3518	TXD069452340	Glenda Felkner

**PETROLEUM CONTAMINATED SOIL AND OILY DEBRIS**

Month	Volume (cy)
October-04	0
November-04	0
December-04	40
January-05	0
February-05	0
<b>Total</b>	<b>40</b>

**RQ, HAZARDOUS WASTE SOLID, N.O.S., LEAD, 9 NA3077, PGIII (OILY SLUDGE AND SOIL)**

Month	Volume (cy)
February-05	15
<b>Total</b>	<b>15</b>

**Table 4**  
**Oil and Filter Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

**RECYLCED OIL AND FILTERS**

Month	Volume (gal)
January-05	403
February-05	0
<b>Total</b>	<b>403</b>

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Midstate Environmental Services, LLC	2203 Tower Road Robstown, TX	361-387-2171	TXR000051227	Lloyd Cooke

**RECYLCED OIL AND FILTERS**

Month	Volume (gal)
January-05	16,651
February-05	0
<b>Total</b>	<b>16,651</b>

**Monthly Progress Report #24**  
**June 2006**

**Falcon Refinery Superfund Site**  
**Ingleside**  
**San Patricio County, Texas**  
**TXD 086 278 058**

**Prepared for**

**National Oil and Recovery Corporation**  
**3717 Bowne Street**  
**Flushing, NY 11354**

**July 10, 2006**

**Prepared by**

**KLEINFELDER**  
**3601 Manor Road**  
**Austin, Texas 78723**

## **TABLE OF CONTENTS**

<b>1.0</b>	<b>INTRODUCTION.....</b>	<b>2</b>
<b>2.0</b>	<b>COMPLETED ACTIVITIES .....</b>	<b>2</b>
<b>2.1</b>	<b>Removal Action Activities .....</b>	<b>2</b>
<b>2.2</b>	<b>Remedial Investigation / Feasibility Study (RI/FS) .....</b>	<b>2</b>
<b>3.0</b>	<b>CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD .....</b>	<b>2</b>
<b>4.0</b>	<b>COMMUNITY RELATIONS.....</b>	<b>2</b>
<b>5.0</b>	<b>CHANGES IN PERSONNEL DURING THE REPORTING PERIOD .....</b>	<b>3</b>
<b>6.0</b>	<b>LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS.....</b>	<b>3</b>
<b>6.1</b>	<b>Removal Action Work Projected for the Next Two Months.....</b>	<b>3</b>
<b>6.2</b>	<b>RI/FS Work Projected for the Next Two Months.....</b>	<b>3</b>
<b>7.0</b>	<b>LABORATORY / MONITORING DATA.....</b>	<b>3</b>

## **LIST OF FIGURES**

None this reporting period

## **LIST OF TABLES**

<b>Table 1</b>	<b>Hazardous Liquid Waste Disposal.....</b>	<b>4</b>
<b>Table 2</b>	<b>Metal Disposal.....</b>	<b>4</b>
<b>Table 3</b>	<b>Contaminated Soil and Oily Debris Disposal.....</b>	<b>5</b>
<b>Table 4</b>	<b>Oil and Filter Disposal.....</b>	<b>6</b>

## **LIST OF APPENDICES**

<b>Appendix A</b>	<b>Removal Action Work Plan Addendum.....</b>	<b>7</b>
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## **1.0 INTRODUCTION**

This twenty-fourth Monthly Progress Report is submitted in accordance with the Falcon Refinery Site Administrative Orders on Consent for Removal Action and Remedial Investigation / Feasibility Study between the U.S. Environmental Protection Agency (U.S. EPA) and National Oil and Recovery Corporation (NORCO).

This Monthly Progress Report and subsequent reports will address activities associated with both of the orders.

The next monthly progress report, covering July 2006 will be submitted on or before August 10, 2006.

## **2.0 COMPLETED ACTIVITIES**

### **2.1 Removal Action Activities**

Approximately 75,000 gallons of liquid waste were removed and properly disposed during the month from Tank 27. To date a total of approximately 4,836,475 gallons of hazardous waste have been removed from the tanks and disposed of at the Texas Molecular deep well injection well. Original waste manifests are available at the Kleinfelder office in Austin. A compilation of hazardous liquid waste disposal is included as Table 1.

During June the disposal rate was doubled as compared to the rate during the previous six-month period. At the current rate approximately 120,000 gallons of waste will be disposed on a monthly basis.

A copy of the EPA approved Removal Action Work Plan (RAW) addendum that described Pipeline Cleanout activities is included in Appendix A. Activities for the clean out commenced on June 12 and were concluded on June 20. A description of the pipeline clean out will be provided after the EPA approves the report.

### **2.2 Remedial Investigation / Feasibility Study (RI/FS)**

The final RI/FS Work Plan, Quality Assurance Project Plan, and Field Sampling Plan and an updated project schedule will be submitted to the EPA on July 7, 2006.

## **3.0 CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD**

None this reporting period.

## **4.0 COMMUNITY RELATIONS**

None this reporting period.

## **5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD**

None this reporting period.

## **6.0 LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS**

### **6.1 Removal Action Work projected for the next two months includes:**

- Continuing the removal and disposal of liquids from the storage tanks and pipelines at the anticipated rate of approximately 120,000 gallons a month;
- Removal of debris; and
- Continued site maintenance.

### **6.2 RI/FS Work projected for the next two months includes:**

- Making amendments to the RI/FS Work Plan and submitting the final RI/FS Work Plan; and
- Making amendments to and submitting the Field Sampling Plan and the Quality Assurance Project Plan.

## **7.0 LABORATORY / MONITORING DATA**

None this reporting period.

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**TABLES**

**Table 1**  
**Hazardous Liquid Waste Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr. Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

**RQ, HAZARDOUS WASTE LIQUID N.O.S., 9 , UN3082, III (D007, D008, D018)**

Month	Volume (gal)
October-04	53,832
November-04	734,763
December-04	879,158
January-05	783,881
February-05	551,444
March-05	565,489
April-05	445,107
May-05	471,311
December-05	42,550
January-06	58,740
February-06	59,140
March-06	0
April-06	57,421
May-06	59,763
June-06	73,876
<b>Total</b>	<b>4,836,475</b>

**Table 2**  
**Metal Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Commercial Metal Company	4614 Agnes St Corpus Christi, TX	361-884-4071	None	David

**RECYCLED METAL**

Month	Volume (lbs)
October-04	0
November-04	16,820
December-04	19,640
January-05	31,380
February-05	0
<b>Total</b>	<b>67,840</b>

**FIRE EXTINGUISHERS**

Month	Quantity
December-04	10
<b>Total</b>	<b>10</b>

Industrial Fire & Safety Co. removed 10 fire extinguishers from the job site.  
The powder was disposed of properly and the metal went to salvage.

**Table 3**  
**Contaminated Soil and Oily Debris Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
U.S. Ecology Texas L.P.	P.O. Box 307 Robstown, TX	361-387-3518	TXD069452340	Glenda Felkner

**PETROLEUM CONTAMINATED SOIL AND OILY DEBRIS**

Month	Volume (cy)
October-04	0
November-04	0
December-04	40
January-05	0
February-05	0
<b>Total</b>	<b>40</b>

**RQ, HAZARDOUS WASTE SOLID, N.O.S., LEAD, 9 NA3077, PGIII (OILY SLUDGE AND SOIL)**

Month	Volume (cy)
February-05	15
<b>Total</b>	<b>15</b>



**Table 4**  
**Oil and Filter Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

**RECYLCED OIL AND FILTERS**

Month	Volume (gal)
January-05	403
February-05	0
<b>Total</b>	<b>403</b>

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Midstate Environmental Services, LLC	2203 Tower Road Robstown, TX	361-387-2171	TXR000051227	Lloyd Cooke

**RECYLCED OIL AND FILTERS**

Month	Volume (gal)
January-05	16,651
February-05	0
<b>Total</b>	<b>16,651</b>

**APPENDIX A**  
**REMOVAL ACTION WORK PLAN**  
**ADDENDUM – PIPELINE CLEANOUT**

**Introduction**

In compliance with the approved Removal Action Work Plan for the Falcon Refinery Superfund Site, which is dated June 29, 2004, Kleinfelder provides this work plan addendum. Described in this addendum are the planned pipeline cleanout activities. USA Environmental, LP (USA) will perform the pipeline cleanout under the supervision of Kleinfelder.

The EPA On-Scene Coordinator (OSC) will be given five days notice of the pipeline cleanout.

**Pipeline Background**

There are seven pipelines that connect the Falcon Refinery to the current and former barge docking facilities (Figure 1). Six of the pipelines are abandoned and consist of a 10-inch, three 8-inch and two 6-inch diameter pipelines (Photograph 1). An active 8-inch pipeline (marked with a red spot in Photo 1), that lies immediately adjacent to the abandoned pipelines, will remain active.

The six abandoned pipelines will be exposed, any contents removed and plates will be welded on pipeline to ensure that there is no future environmental concern associated with the abandoned pipelines.

**Safety and Health**

The approved Site-Specific Health and Safety Plan will be provided to USA and prior to each day's activities a safety tailgate meeting will be held. Safety equipment will include hard hats, steel toe boots, gloves, safety glasses, an explosive meter, photoionization detector, fire extinguisher, absorbent material, oil booms and a first aid kit. Paul Supak (Kleinfelder) will be the designated Site Safety Officer for the pipeline activities.

Any excavations deeper than four feet will require shoring and the work area will be fenced or taped off. If vapors above the permissible exposure limit are detected, then appropriate respiratory protection will be used.

Prior to any excavating or probing utilities will be marked and pipelines will be located.

**Pipeline Cleanout Activities**

To minimize the potential for any impacts associated with the pipeline cleanout, block valves will be located and closed as near to the point where the pipelines go underground as possible, near Bishop Road. A vacuum truck will be on stand-by should the above ground portions of the pipelines contain any product.

A hole will be drilled in the top of each pipeline to determine if any liquid is detected in the pipelines. If liquid is detected, care will be taken to ensure that none is released. After the removal of any liquid, the pipelines will be cut at the surface with a pneumatic saw and the pipeline will be checked for vapors.

After a pipeline is cut, a Neoprene mechanical plug will be inserted in the end of each pipe and a slip on flange will be welded on the pipe. Blind flanges will then be bolted on the slip on flanges.

The area immediately adjacent to the point where the pipelines go below Sunray Road (Photo 2) will be excavated, the pipelines will be exposed and a trench box will be placed around the pipelines if groundwater or surface water are a concern. Currently there are nine pipeline markers at this location, indicating that two pipelines not associated with the Falcon Refinery are in this pipe chase.

A current will be attached to the pipelines at the Bishop Road location and readings will be made at the Sunray Road location to identify each pipeline.

A blind pig will be placed in the pipelines and the pipelines will then be vacuumed to remove any residual product that may be left in the abandoned pipelines. Any recovered fluid will be transported to the refinery and placed in Tank 2 on the North side of the refinery.

After the removal of any liquid, the pipelines at the Sunray Road location will be cut with a pneumatic saw. A vacuum truck will be on stand-by should any liquids be detected. After all fluids are removed, the pipelines at the Sunray Road location will have caps welded on the ends of each pipeline.

Removed soil will be placed back in the excavations and carefully compacted.

Site photographs will be taken and the OSC will be notified of any releases from the pipeline activity.

### **Cleanout Contingency**

If any fluid is spilled, visually contaminated soil is observed or if significant organic vapors are detected, soil sampling will be performed for volatile and semi-volatile organics. If any spill reaches surface water then surface water sampling for volatile and semi-volatile organics will be performed.

Any impacted soil will be excavated and brought to the refinery where the soil will be placed on a 40 mil HDPE liner and covered with the liner material pending characterization and proper disposal.

## **Reporting**

After the completion of pipeline cleanout activities a report will be prepared and sent to the OSC. The report will also be included in the final report, which will be submitted within 90 days of the completion of Removal Action activities.

FALCON PIPELINE EXCAVATION PROJECT  
BISHOP ROAD  
INGLESIDE, TEXAS  
PIPELINE CLEANOUT



FIGURE 1





Photo 1





Photo 2



**Monthly Progress Report #25  
July 2006**

**Falcon Refinery Superfund Site  
Ingleside  
San Patricio County, Texas  
TXD 086 278 058**

**Prepared for**

**National Oil and Recovery Corporation  
3717 Bowne Street  
Flushing, NY 11354**

**August 10, 2006**

**Prepared by**

**KLEINFELDER  
3601 Manor Road  
Austin, Texas 78723**

## TABLE OF CONTENTS

1.0	INTRODUCTION.....	2
2.0	COMPLETED ACTIVITIES .....	2
2.1	Removal Action Activities .....	2
2.2	Remedial Investigation / Feasibility Study (RI/FS) .....	2
3.0	CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD .....	3
4.0	COMMUNITY RELATIONS.....	3
5.0	CHANGES IN PERSONNEL DURING THE REPORTING PERIOD .....	3
6.0	LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS.....	3
6.1	Removal Action Work Projected for the Next Two Months.....	3
6.2	RI/FS Work Projected for the Next Two Months.....	3
7.0	LABORATORY / MONITORING DATA.....	3

## LIST OF FIGURES

None this reporting period

## LIST OF TABLES

Table 1	Hazardous Liquid Waste Disposal.....	4
Table 2	Metal Disposal.....	4
Table 3	Contaminated Soil and Oily Debris Disposal.....	5
Table 4	Oil and Filter Disposal.....	6

## **1.0 INTRODUCTION**

This twenty-fifth Monthly Progress Report is submitted in accordance with the Falcon Refinery Site Administrative Orders on Consent for Removal Action and Remedial Investigation / Feasibility Study between the U.S. Environmental Protection Agency (U.S. EPA) and National Oil and Recovery Corporation (NORCO).

This Monthly Progress Report and subsequent reports will address activities associated with both of the orders.

The next monthly progress report, covering August 2006 will be submitted on or before September 10, 2006.

## **2.0 COMPLETED ACTIVITIES**

### **2.1 Removal Action Activities**

Approximately 120,000 gallons of liquid waste were removed and properly disposed during the month from Tank 26. To date a total of approximately 4,955,218 gallons of hazardous waste have been removed from the tanks and disposed of at the Texas Molecular deep well injection well. Original waste manifests are available at the Kleinfelder office in Austin. A compilation of hazardous liquid waste disposal is included as Table 1.

During June the disposal rate was doubled as compared to the rate during the previous six-month period. At the current rate approximately 120,000 gallons of waste will be disposed on a monthly basis.

Pipeline clean out activities, which concluded on June 20 will be documented and when approved by the EPA will be included in a monthly report. During the pipeline clean out approximately 8,400 gallons of hydrocarbons and water were removed from the pipelines by vacuuming and the waste was placed into Tank 26 at the refinery.

Due to delays in receiving analytical data related to the pipeline clean out the report will be submitted to the EPA during August.

On July 12<sup>th</sup> NORCO contracted Wendel and Associates to perform a corrosion mitigation survey of the active pipeline that connects the refinery to the current barge dock facility. From the survey an accurate map was prepared of the location of the pipeline. The map was forwarded to the EPA.

NORCO is in the process of implementing the recommendations from the survey.

### **2.2 Remedial Investigation / Feasibility Study (RI/FS)**

The RI/FS Work Plan, Quality Assurance Project Plan, and Field Sampling Plan and an updated project schedule were submitted to the EPA on July 7, 2006.

### **3.0 CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD**

None this reporting period.

### **4.0 COMMUNITY RELATIONS**

On July 11<sup>th</sup> individuals living near the refinery called the TCEQ to report foul odors emanating from the refinery. Inspections by the TCEQ discovered that Superior Crude Gathering (Superior) was removing light end hydrocarbons from Tank 15 through a hatch in the roof of the tank. The TCEQ concluded that the source of the odor was sour crude that was allowed to vent during the removal actions of Superior and spread to the neighborhood. The TCEQ is in the process of reviewing Superior's permits. The TCEQ has not issued a report to date concerning the incident.

### **5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD**

None this reporting period.

### **6.0 LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS**

#### **6.1 Removal Action Work projected for the next two months includes:**

- Continuing the removal and disposal of liquids from the storage tanks and pipelines at the anticipated rate of approximately 120,000 gallons a month;
- Removal of debris; and
- Continued site maintenance.

#### **6.2 RI/FS Work projected for the next two months includes:**

- Making amendments to the RI/FS Work Plan and submitting the final RI/FS Work Plan; and
- Making amendments to and submitting the Field Sampling Plan and the Quality Assurance Project Plan.

### **7.0 LABORATORY / MONITORING DATA**

None this reporting period.

**TABLES****Table 1  
Hazardous Liquid Waste Disposal**

<b>DISPOSAL FACILITY</b>	<b>ADDRESS</b>	<b>PHONE NO.</b>	<b>EPA ID NO.</b>	<b>CONTACT</b>
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr. Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

**RQ, HAZARDOUS WASTE LIQUID N.O.S., 9 , UN3082, III (D007, D008, D018)**

<b>Month</b>	<b>Volume (gal)</b>
October-04	53,832
November-04	734,763
December-04	879,158
January-05	783,881
February-05	551,444
March-05	565,489
April-05	445,107
May-05	471,311
December-05	42,550
January-06	58,740
February-06	59,140
March-06	0
April-06	57,421
May-06	59,763
June-06	73,876
July-06	118,743
<b>Total</b>	<b>4,955,218</b>

**Table 2**  
**Metal Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Commercial Metal Company	4614 Agnes St Corpus Christi, TX	361-884-4071	None	David

**RECYCLED METAL**

Month	Volume (lbs)
October-04	0
November-04	16,820
December-04	19,640
January-05	31,380
February-05	0
<b>Total</b>	<b>67,840</b>

**FIRE EXTINGUISHERS**

Month	Quantity
December-04	10
<b>Total</b>	<b>10</b>

Industrial Fire & Safety Co. removed 10 fire extinguishers from the job site.  
The powder was disposed of properly and the metal went to salvage.

**Table 3**  
**Contaminated Soil and Oily Debris Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
U.S. Ecology Texas L.P.	P.O. Box 307 Robstown, TX	361-387-3518	TXD069452340	Glenda Felkner

**PETROLEUM CONTAMINATED SOIL AND OILY DEBRIS**

Month	Volume (cy)
October-04	0
November-04	0
December-04	40
January-05	0
February-05	0
<b>Total</b>	<b>40</b>

**RQ, HAZARDOUS WASTE SOLID, N.O.S., LEAD, 9 NA3077, PGIII (OILY SLUDGE AND SOIL)**

Month	Volume (cy)
February-05	15
<b>Total</b>	<b>15</b>

**Table 4**  
**Oil and Filter Disposal**

<b>DISPOSAL FACILITY</b>	<b>ADDRESS</b>	<b>PHONE NO.</b>	<b>EPA ID NO.</b>	<b>CONTACT</b>
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

**RECYLCED OIL AND FILTERS**

<b>Month</b>	<b>Volume (gal)</b>
January-05	403
February-05	0
<b>Total</b>	<b>403</b>

<b>DISPOSAL FACILITY</b>	<b>ADDRESS</b>	<b>PHONE NO.</b>	<b>EPA ID NO.</b>	<b>CONTACT</b>
Midstate Environmental Services, LLC	2203 Tower Road Robstown, TX	361-387-2171	TXR000051227	Lloyd Cooke

**RECYLCED OIL AND FILTERS**

<b>Month</b>	<b>Volume (gal)</b>
January-05	16,651
February-05	0
<b>Total</b>	<b>16,651</b>

